

IN THE ABSTRACT

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A method for managing an original executable code downloaded into a reprogrammable computer on-board system such as a microprocessor card. The code includes a cryptographic signature and is executable by the microprocessor once the validity of the signature has been checked. Off the card, a modified executable code corresponding to the original code and adapted to a pre-defined specific use is identified. A software component is calculated, which when applied to the original code, enables the modified code to be reconstructed. The software component is signed, and the signed original code and the signed software component are downloaded into the card. On the card, the signature of the original code and the software component are checked, and the software component is applied to the original code in order to reconstruct the modified code for the execution of the same by the microprocessor.